

Fifteenth Superfund National Radiation Meeting – Abstract
DRAFT v1 – 3/27/2017 - Hunters Point Naval Shipyard (HPNS) radiation cleanup

The Navy is cleaning up the Hunters Point Naval Shipyard (HPNS) in San Francisco, California, for future mixed use development. The Navy and the Nuclear Regulatory Commission found that a Navy contractor falsified radiological test results to under-represent the true nature and extent of contamination. These findings call into question the completeness of Remedial Actions for 300,000 cubic yards of excavated soil, 28 miles of storm drain/sewer lines, and over twenty buildings. The transfers of portions of HPNS for redevelopment have been delayed at least a year due to uncertainty about potential residual contamination. The Navy, under EPA oversight, is addressing this concern through data evaluation, new re-sampling, and, if necessary, new cleanup.

The site presented challenges in answering both public, media, and activist concerns, as well as, overseeing Navy cleanup values. In general, the Preliminary Remediation Goal (PRG) calculator(s) are used for determining screening/cleanup values and/or risk assessments for radiologically contaminated sites and buildings. With HPNS unique situation, the PRG calculators were used as an addition tool to answer questions and concerns of the public, determine the focus of the investigation, and run through “what-if” scenarios to ensure acceptable risk has been met. Knowing how to use the PRG calculator(s) and the applicability for each, RPMs/OSCs can utilize the OSTRI tools to make and/or help defend tough decisions in the field.